



Appendix 1

Report Conditions

Report Conditions

Geoenvironmental Site Investigation

This report is produced solely for the benefits of the named Client and no liability is accepted for any reliance placed on it by any other party unless specifically agreed in writing otherwise.

The report refers, within the limitations of the stated, to the condition of the site at the time of the inspections. No warranty is given as to the possibility of the future changes of the site.

The report is based on a visual site inspection, reference to accessible referenced historical records, the physical investigation as detailed, information supplied by those parties referenced in the text, and preliminary discussions with local and statutory authorities. Some of the opinions are based on unconfirmed data and information and are presented as the best that can be obtained without further extensive research. The test results available can only be regarded as a limited but likely representative sample assessed against current guidelines. The impact of our assessment on other aspects of the development requires evaluation by other involved parties.

GEMCO takes no responsibility for conditions that have not been revealed by the borings, or which occur below or between the borings. The possibility of the presence of contaminants, perhaps in higher concentrations, elsewhere on site cannot be discounted. Whilst every effort has been made to interpret the conditions between investigation locations, such information is only indicative and liability cannot be accepted for its accuracy.

Groundwater and ground gas readings taken are those pertaining to the period of the investigation only. It should be noted that groundwater levels may be subject to tidal, seasonal and diurnal changes, whilst ground gas emission rates are affected by atmospheric pressure and groundwater levels.

With reference to ground contamination, whilst the findings detailed within this report reflect our best assessment, because there are no exact UK definitions of these matters, being subject to risk analysis, we are unable to give categorical assurances that they will be accepted by authorities or funds without question as such bodies have unpublished, more stringent objectives. The report is prepared and written for the purposed uses stated in the report and should not be used in a different context without reference to GEMCO in time, improved practises or amended legislation may necessitate a re-assessment.

The report is limited to the geotechnical and environmental aspects specifically reported on and is necessarily restricted and no liability is accepted for any other aspect especially concerning gradual or sudden pollution incidents. The opinions expressed cannot be absolute due to the limitations of time and resources imposed by the agreed brief, the nature of the geology and possibility of unrecorded previous use and abuse of the site and adjacent sites. The report concentrates on the site as defined in the report and provides an opinion on surrounding sites. If migrating pollution or contamination (past or present) exists, further research will be required before the effects can be better determined.

Risk Assessment and Risk Rating

Classification of Consequence		
Classification	Definition	Examples
Severe	Short term (acute) risk to human health likely to result in 'significant harm;' as defined by the Environmental Protection Act 1990, Part IIA. Short term risk if pollution (note: Water Resources Act does not contain provision for consideration of the significance of pollution) of sensitive water resource. A short-term risk to a particular ecosystem, or organism forming part of such an ecosystem. (note: the definition of ecological systems with the DEFRA Contaminated Land Statutory Guidance 2012)	High concentration s of cyanide on the surface of an informal recreation area. Major spillage of contaminants from site to a controlled water. Explosion, causing building collapse (can also equate to short term human health risk if buildings are occupied).
Medium	Chronic damage to human health ('significant harm as defined DEFRA Contaminated Land Statutory Guidance 2012) Pollution of sensitive water resources. A significant change in a particular ecosystem, or organism forming part of such ecosystem. (note: the definition of ecological systems with the DEFRA Contaminated Land Statutory Guidance 2012)	Concentration of contaminant from the site exceeds the generic or site-specific assessment criteria. Leaching of contaminants from a site to a principal or secondary aquifer. Death of species within a designated nature reserve.
Mild	Pollution of non-sensitive water resources. Significant damage to buildings, structures, and crops. ('Significant harm' as defined in DEFRA Contaminated Land Statutory Guidance 2012 and EPA 1990 Part IIA. Damage to sensitive buildings/structures or the environment.	Pollution if non-classified groundwater. Damage to building, rendering it unsafe to occupy (e.g. foundation damage resulting in instability).
Minor	Harm, although not necessarily significant harm, which may result in a financial loss or expenditure to resolve. Non-permanent health effects to human health (easily prevented by means such a personal protective clothing etc.). Easily repairable effects of damage to buildings/structures	The presence of contaminants at such concentration is that protective equipment is required during the site works. The loss of plants in landscaping scheme. Discolouration of concrete.

Classification of Probability	
Classification	Definition
High Likelihood	There is a pollution linkage and an event which would either appear very likely in the short term and almost inevitable over the long term, or, there is evidence at the receptor of harm or pollution.
Likely	There is a pollution linkage and all the elements are present in the right place which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely to occur over the long term.
Low Likelihood	There is pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place and is less likely in the shorter term.
Unlikely	There is a pollution linkage but circumstances are such that it is improbable that an event would occur even in the very long term.

		Consequence			
		Severe	Medium	Mild	Minor
Probability	High Likelihood	Very High Risk	High Risk	Moderate Risk	Moderate/Low risk
	Likely	High Risk	Moderate Risk	Moderate to low Risk	Low Risk
	Low Likelihood	Moderate Risk	Moderate/Low Risk	Low Risk	Very low Risk
	Unlikely	Moderate/Low Risk	Low Risk	Very Low Risk	Very Low Risk

Risk classification framework taken from CIRIA C552, Section 6

Appendix 2

Selected Site Photographs

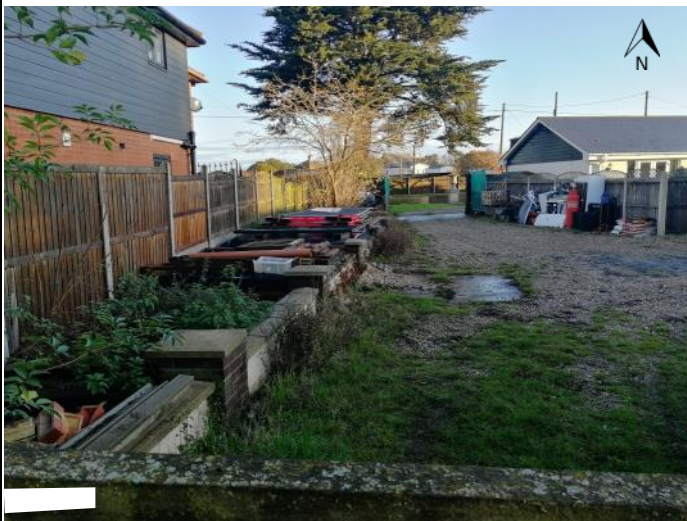
Picture 1



Picture 2



Picture 3



Picture 4



Picture 5



Picture 6



Legend:

Pic 1: Front of Tower End (2019)	Site: Land South of Kelvedon Road	Date: November 2020	 Green Earth Management Company Ltd Suite 3, Broomfield Park, Coggeshall Road, Earls Colne, Essex CO6 2JX Tel: 01245 206 129 www.gemcoltd.co.uk
Pic 2: Front of The Annexe (2019)		Project No: 1342	
Pic 3: Storage area to the west of The Annex (2020)	Title: Appendix 2 - Site Photos	Page No: 1 of 3	
Pic 4: 1,800L Oil Storage Tank to the west of The Annex (2020)	Client: Marden Homes Limited	Drawn By: HS	
Pic 5: Paddocks to the south of Tower End (2020)		Checked By: DR	
Pic 6: Stables, garden and Tower End (2020)		Scale: N/A	

Picture 7



Picture 8



Picture 9



Picture 10



Picture 11



Picture 12



Legend:

- Pic 7:** North view of church, stables and barn at Pony's Farm (2020)
- Pic 8:** Suspected asbestos containing material on barn (2020)
- Pic 9:** South view of courtyard at Pony's Farm (2020)
- Pic 10:** South-west view of made ground area at Pony's Farm (2020)
- Pic 11:** North-west view of made ground at Pony's Farm (2020)
- Pic 12:** Looking east from Pony Stable (2020)

Site:
Land South of Kelvedon Road

Title:
Appendix 2 - Site Photos

Client:
Marden Homes Limited

Date: November 2020

Project No: 1342

Page No: 2 of 3

Drawn By: HS

Checked By: DR

Scale: N/A



Green Earth Management Company Ltd
Suite 3, Broomfield Park,
Coggeshall Road,
Earls Colne, Essex
CO6 2JX
Tel: 01245 206 129 | www.gemcoltd.co.uk

Picture 13



Picture 14



Picture 15



Picture 16



Picture 17



Picture 18



Legend:

Pic 13 Field 2 taken from southwest corner facing north (2020)	Site: Land South of Kelvedon Road	Date: November 2020	 Green Earth Management Company Ltd Suite 3, Broomfield Park, Coggeshall Road, Earls Colne, Essex CO6 2JX Tel: 01245 206 129 www.gemcoltd.co.uk
Pic 14: Field 2 taken from southwest corner facing northeast (2020)		Project No: 1342	
Pic 15: Small made ground stockpile in Field 2 (2020)	Title: Appendix 2 - Site Photos	Page No: 3 of 3	
Pic 16: Archaeological trench in Field 2(2020)	Client: Marden Homes Limited	Drawn By: HS	
Pic 17: Localised flooding the northwest corner of Field 2 (2020)	Checked By: DR	Scale: N/A	

Appendix 3

Landmark Envirocheck Report



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

190899269_1_1

Customer Reference:

1342

National Grid Reference:

588700, 217000

Slice:

A

Site Area (Ha):

5.15

Search Buffer (m):

1000

Site Details:

Land South of Kelvedon Road

Tiptree

COLCHESTER

CO5 0LU

Client Details:

Mr C Duffield

Green Earth Management Ltd

Building 2

Broomfield Park

Coggeshall Road

Earls Colne

Essex

CO6 2JX

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	18
Hazardous Substances	-
Geological	20
Industrial Land Use	27
Sensitive Land Use	33
Data Currency	34
Data Suppliers	39
Useful Contacts	40

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		2	11	11
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 7				2
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 7	Yes			
Pollution Incidents to Controlled Waters	pg 7			3	8
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 9				(*19)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 14	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 14	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 14	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 14		1	8	20

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 18				2
Local Authority Landfill Coverage	pg 18	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 18		1	1	4
Potentially Infilled Land (Water)	pg 18			6	3
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 19				1
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 20	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 20	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 24			4	5
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 25	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 25	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 26	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 26	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 27	1	17	2	21
Fuel Station Entries	pg 30				4
Points of Interest - Commercial Services	pg 30		2		4
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 31		4		3
Points of Interest - Public Infrastructure	pg 32				6
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 33		1		1
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 33	3			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	0	1	588800 217000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	0	1	588850 217050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	143	1	588600 217250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	160	1	588900 216800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	203	1	588500 217250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	296	1	588700 217450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	351	1	588700 216500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	363	1	588600 217500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	387	1	589150 216800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	430	1	588100 217005
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	448	1	588500 217550
1	Discharge Consents Operator: Anglian Water Services Limited Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Tiptree Water Treatment Works Highfield Lane, Tiptree, Essex Authority: Environment Agency, Anglian Region Catchment Area: River Pant / River Blackwater Brook Reference: Asenf12068 Permit Version: 2 Effective Date: 17th May 1995 Issued Date: 17th May 1995 Revocation Date: 26th December 2003 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge Environment: Freshwater Stream/River Receiving Water: Tributary River Blackwater Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Manually corrected supplier location	A13SW (SW)	145	2	588520 216768
2	Discharge Consents Operator: Mrs G Fell And Mrs S Todd Property Type: Domestic Property (Single) Location: Gwynllian Kelvedon Road, Tiptree, Colchester, Essex, Co5 0lu Authority: Environment Agency, Anglian Region Catchment Area: Roman River / Abberton Reservoir Reference: Npswqd003568 Permit Version: 1 Effective Date: 6th August 2008 Issued Date: 6th August 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of The Layer Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A13SE (E)	164	2	588976 216941

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Essex Water Co Property Type: Not Supplied Location: Tiptree, Essex, Cm15 0ls Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr2nfe04961 Permit Version: 1 Effective Date: 26th June 1961 Issued Date: 26th June 1961 Revocation Date: 21st September 1992 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Domsey Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A12SE (SW)	275	2	588300 216800
4	<p>Discharge Consents</p> <p>Operator: Ronald Stephen Martin Property Type: Domestic Property (Single) Location: Primrose Lodge Grange Road, Tiptree, Colchester, Essex, Co5 0uh Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prenf11002 Permit Version: 1 Effective Date: 25th July 1997 Issued Date: 25th July 1997 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary River Blackwater Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	284	2	588380 216700
5	<p>Discharge Consents</p> <p>Operator: Mr R. Martin Property Type: MAKING OF WOOD PRODUCTS/CORK/STRAW/SAWMILLING Location: Grange Road Tiptree, Colchester, Essex, Co5 0lt Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr2nfe13171 Permit Version: 1 Effective Date: 2nd November 1971 Issued Date: 2nd November 1971 Revocation Date: 14th September 1992 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Layer Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	285	2	589010 216760
6	<p>Discharge Consents</p> <p>Operator: Mr G H Coe & Mrs D C Coe Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Blackberries Grange Road, Tiptree, Colchester, Essex, Co5 0uh Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prenf07956 Permit Version: 1 Effective Date: 10th December 1993 Issued Date: 10th December 1993 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Layer Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A8NW (SW)	292	2	588430 216650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: Mr & Mrs Oliver Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Woodside Grange Road, Tiptree, Essex, Co5 0uh Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prenf11284 Permit Version: 1 Effective Date: 23rd April 1998 Issued Date: 23rd April 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary River Blackwater Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A8NW (SW)	321	2	588380 216650
7	<p>Discharge Consents</p> <p>Operator: J F & J A Elliot Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Sussex Grange Rd, Tiptree, Essex, Co5 0uh Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prenf11298 Permit Version: 1 Effective Date: 8th May 1998 Issued Date: 8th May 1998 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary River Blackwater Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A12SE (SW)	306	2	588350 216700
8	<p>Discharge Consents</p> <p>Operator: Calmark Technical Services Ltd Property Type: MAKING OF COMPUTERS/ELECTRONICS/OPTICAL PRODUCTS Location: Pennsylvania Lane, Tiptree, Essex Authority: Environment Agency, Anglian Region Catchment Area: Roman River / Abberton Reservoir Reference: Pr2lfc484 Permit Version: 1 Effective Date: 12th October 1984 Issued Date: 12th October 1984 Revocation Date: 12th September 2001 Discharge Type: Trade Discharge - Process Water Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m</p>	A8NW (SW)	306	2	588510 216600
8	<p>Discharge Consents</p> <p>Operator: Calmark Technical Services Ltd Property Type: MAKING OF COMPUTERS/ELECTRONICS/OPTICAL PRODUCTS Location: Pennsylvania Lane, Tiptree, Essex Authority: Environment Agency, Anglian Region Catchment Area: Roman River / Abberton Reservoir Reference: Pr2lfc484 Permit Version: 1 Effective Date: 12th October 1984 Issued Date: 12th October 1984 Revocation Date: 12th September 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Into Land Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	306	2	588510 216600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p>Discharge Consents</p> <p>Operator: P A R E Ltd Property Type: Not Supplied Location: Land South-West Of Perrys Wood, Adjoining Kelvedon Road, Tiptree Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Prenf02959 Permit Version: 1 Effective Date: 12th June 1990 Issued Date: 12th June 1990 Revocation Date: 10th February 1992 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Blackwater Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	324	2	588250 217120
10	<p>Discharge Consents</p> <p>Operator: Mr & Mrs G Larkins Property Type: Domestic Property (Single) Location: Vitkin Farm, Grange Rd, Tiptree, Co5 0uh Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Prenf08715 Permit Version: 1 Effective Date: 19th May 1994 Issued Date: 19th May 1994 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary River Blackwater Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	412	2	588300 216600
11	<p>Discharge Consents</p> <p>Operator: Raoul And Alison Staff Property Type: Domestic Property (Single) Location: Little Oaks, Pennsylvania Avenue, Tiptree, Essex, Co5 0ue Authority: Environment Agency, Anglian Region Catchment Area: Roman River / Abberton Reservoir Reference: Npswqd010476 Permit Version: 1 Effective Date: 19th February 2010 Issued Date: 19th February 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Layer Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A8NE (S)	464	2	588793 216397
12	<p>Discharge Consents</p> <p>Operator: Mr & Mrs R P Ranson Property Type: Domestic Property (Single) Location: Newbarn Cottage No.1 Windmill Hill, Tiptree, Colchester, Essex, Co5 0us Authority: Environment Agency, Anglian Region Catchment Area: River Pant / River Blackwater Brook Reference: Pr2lfs06767 Permit Version: 1 Effective Date: 18th April 1967 Issued Date: 18th April 1967 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	A12NW (W)	630	2	587968 217242

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Tiptree Water Treatment Works Highfield Lane, Tiptree, Essex Authority: Environment Agency, Anglian Region Catchment Area: River Pant / River Blackwater Brook Reference: Asen12068 Permit Version: 1 Effective Date: 11th May 1994 Issued Date: 11th May 1994 Revocation Date: 16th May 1995 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary River Blackwater Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Manually corrected supplier location</p>	A12SW (W)	659	2	587870 216990
14	<p>Discharge Consents</p> <p>Operator: Graeme Biggs Property Type: Domestic Property (Single) Location: Woodview Farm, Colchester Road, Tiptree, Colchester, Co5 0eu Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Eprfb3592na Permit Version: 1 Effective Date: 31st January 2017 Issued Date: 31st January 2017 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ditch Tributary To Layer Brook Status: New issued under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	700	2	589557 217202
15	<p>Discharge Consents</p> <p>Operator: The Residents Property Type: Not Supplied Location: Res. Devlpt At Church/Maldon Road, Tiptree, Essex Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr2nfe34766 Permit Version: 1 Effective Date: 15th November 1966 Issued Date: 15th November 1966 Revocation Date: 3rd March 1993 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Layer Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	753	2	589400 216500
16	<p>Discharge Consents</p> <p>Operator: The Residents Property Type: Not Supplied Location: Roads On An Estate At Maldon Road, Tiptree, Essex Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr2nfe02762 Permit Version: 1 Effective Date: 12th April 1962 Issued Date: 12th April 1962 Revocation Date: 8th March 1993 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Layer Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A9SW (SE)	815	2	589300 216300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p>Discharge Consents</p> <p>Operator: Mr & Mrs D Cross Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Colchester Road Tiptree, Colchester, Essex, Essex, Co5 0eu Authority: Environment Agency, Anglian Region Catchment Area: Lower River Colne (Colchester) Reference: Prenf19094 Permit Version: 1 Effective Date: 10th January 2005 Issued Date: 10th January 2005 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Layer Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A19SE (E)	889	2	589696 217394
18	<p>Discharge Consents</p> <p>Operator: Essex County Council(Highways Dept.) Property Type: Undefined Or Other Location: School Devlpt At Barbrook Road, Tiptree, Essex Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr2nfe06867 Permit Version: 1 Effective Date: 23rd May 1967 Issued Date: 23rd May 1967 Revocation Date: 12th February 1992 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Layer Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Approximate location provided by supplier</p>	A8SE (S)	903	2	589000 216000
19	<p>Discharge Consents</p> <p>Operator: Essex County Council(Highways Dept) Property Type: EDUCATION/NURSERY/SCHOOL/COLLEGE/UNI/TRAINING VENUE Location: Milldene School Development Barbrook Lane, Tiptree, Colchester, Essex, Co5 0ef Authority: Environment Agency, Anglian Region Catchment Area: Roman River / Abberton Reservoir Reference: Pr2nfe06867 Permit Version: 1 Effective Date: 23rd May 1967 Issued Date: 23rd May 1967 Revocation Date: 12th February 1992 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Layer Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	A15SW (E)	929	2	589755 216784
20	<p>Discharge Consents</p> <p>Operator: The Residents Property Type: Not Supplied Location: Res. Devlpt Off Barbrook Lane, Tiptree, Essex Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr2nfe03972 Permit Version: 1 Effective Date: 19th May 1972 Issued Date: 19th May 1972 Revocation Date: 4th March 1993 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Layer Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A15SW (E)	945	2	589800 216900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<p>Discharge Consents</p> <p>Operator: Daniel Cottee Property Type: Domestic Property (Single) Location: Woodside Colchester Road, Tiptree, Essex, Essex, Co5 0eu Authority: Environment Agency, Anglian Region Catchment Area: Lower River Colne (Colchester) Reference: Npswqd000106 Permit Version: 1 Effective Date: 14th January 2008 Issued Date: 14th January 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of Layer Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A20SW (E)	981	2	589784 217422
22	<p>Discharge Consents</p> <p>Operator: Richard Martin Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Grange Road, Tiptree, Colchester, Essex, Co5 0qq Authority: Environment Agency, Anglian Region Catchment Area: Catchment 34 Unknown Detail Reference: Prefn20866 Permit Version: 1 Effective Date: 28th September 2007 Issued Date: 28th September 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Local Watercrse & Tiptree Lake Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A2NE (S)	1000	2	588264 215950
23	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Shell Tiptree Location: Maypole Road, TIPTREE, Essex, CO5 0EH Authority: Colchester Borough Council, Environmental Health Department Permit Reference: APA13/98 MAU 785 Dated: 23rd December 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location</p>	A14SW (E)	542	3	589346 216808
24	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Asda Tiptree, Fiveways Co-Op Supermarket, Location: Church Road, Tiptree, COLCHESTER, Essex, CO5 0LA Authority: Colchester Borough Council, Environmental Health Department Permit Reference: APA1/99 MAU 799 Dated: 11th August 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Automatically positioned to the address</p>	A14SW (SE)	596	3	589327 216684
	<p>Nearest Surface Water Feature</p>	A13NE (N)	0	-	588714 217061
25	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Chelmsford District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Tributary River Blackwater Incident Date: 23rd September 1992 Incident Reference: 1694 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A12SE (SW)	275	2	588300 216800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Layer Brook Tributary Incident Date: 12th May 1992 Incident Reference: 1341 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A8NW (SW)	310	2	588500 216600
27	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Sewerage: Other Location: Chelmsford District Authority: Environment Agency, Anglian Region Pollutant: Sewage - Septic Tank Effluent Note: Tributary Of Blackwater Incident Date: 11th September 1996 Incident Reference: 3205 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Inadequate Construction Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	415	2	588300 216595
28	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Other General Premises Location: Kelvedon District, TIPTREE Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Layer Brook Incident Date: 17th March 1999 Incident Reference: 3719 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Land Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SE (NE)	803	2	589600 217400
29	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Applicable Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Natural Note: Layer Brook On Stream Impoundment Incident Date: 25th June 1996 Incident Reference: 2839 Catchment Area: Not Given Receiving Water: Into And/Or Watercourse Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	815	2	589400 216400
30	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Aggregate (Sand/Gravel) Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Oils - Gas Oil Note: Not Supplied Incident Date: 5th February 1997 Incident Reference: 3018 Catchment Area: Not Given Receiving Water: Into And/Or Watercourse Cause of Incident: Vandalism Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A8SW (S)	879	2	588500 215995
31	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Other General Premises Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Natural Note: Grove Lake Incident Date: 11th July 1995 Incident Reference: 2465 Catchment Area: Not Given Receiving Water: Into And/Or Watercourse Cause of Incident: Low Dissolved Oxygen Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A9NE (SE)	893	2	589500 216400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Pollution Incidents to Controlled Waters Property Type: Road Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Oils - Diesel (Including Agricultural) Note: Grove Pond Incident Date: 12th February 1996 Incident Reference: 2655 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	896	2	589500 216395
31	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Natural Note: Grove Lake Incident Date: 4th July 1997 Incident Reference: 3174 Catchment Area: Not Given Receiving Water: Into And/Or Watercourse Cause of Incident: Algal Bloom Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	900	2	589505 216395
32	Pollution Incidents to Controlled Waters Property Type: Not Applicable Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Natural Note: Pond At Tiptree Incident Date: 8th September 1996 Incident Reference: 2902 Catchment Area: Not Given Receiving Water: Into And/Or Watercourse Cause of Incident: Low Dissolved Oxygen Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SE (SE)	956	2	589500 216300
33	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Kelvedon District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Fire water / Foam Note: Ditch Tributary Layer Brook Incident Date: 18th November 1998 Incident Reference: 3628 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	977	2	588200 216000
	Water Abstractions Operator: MrsMrs V D Clarke Licence Number: 8/37/24/*S/0011 Permit Version: 103 Location: Trib Of Layer Brook, Tiptree Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 10th March 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15NE (E)	1351	2	590200 217300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Mr L P Clarke Licence Number: 8/37/24/*S/0011 Permit Version: 102 Location: Trib Of Layer Brook, Tiptree Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 22nd November 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A15NE (E)	1351	2	590200 217300
	<p>Water Abstractions</p> <p>Operator: Mrs E M Adams Licence Number: 8/37/24/*S/0011 Permit Version: 101 Location: Trib Of Layer Brook, Tiptree Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 10th January 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NE (E)	1351	2	590200 217300
	<p>Water Abstractions</p> <p>Operator: D Martin Licence Number: 8/37/24/*G/0065 Permit Version: 101 Location: Villa Farm, Tiptree Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Villa Fm West End Road Tiptree Essex Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 29th November 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A3SW (S)	1355	2	588600 215500
	<p>Water Abstractions</p> <p>Operator: G Martin & Son Licence Number: 8/37/24/*G/0065 Permit Version: 100 Location: Villa Farm, Tiptree Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Fluvial Sand and Gravel; Status: Perpetuity Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st May 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A3SW (S)	1355	2	588600 215500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Essex County Council Licence Number: 8/37/33/1*/g204 Permit Version: Not Supplied Location: Borehole At, MESSING Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 18 Yearly Rate (m3): 3400 Details: Perpetuity; Glacial Sand & Gravel Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24NE (NE)	1497	2	589510 218445
	<p>Water Abstractions</p> <p>Operator: Essex County Council Licence Number: 8/37/31*/G/0204 Permit Version: 101 Location: Borehole At Messing Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 12th November 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A24NE (NE)	1502	2	589510 218450
	<p>Water Abstractions</p> <p>Operator: Essex County Council Licence Number: 8/37/31*/G/0204 Permit Version: 100 Location: Borehole At Messing Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Glacial Sand and Gravel; Status: Perpetuity Authorised Start: 01 May Authorised End: 31 October Permit Start Date: 1st February 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A24NE (NE)	1502	2	589510 218450
	<p>Water Abstractions</p> <p>Operator: P A Grover Licence Number: 8/37/31*/g/149 Permit Version: Not Supplied Location: Bore, Stonefields Farm, MESSING Authority: Environment Agency, Anglian Region Abstraction: Unspecified Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 5 Yearly Rate (m3): 91000 Details: Glacial Sand and Gravel; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A22NW (NW)	1604	2	588005 218595

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: P A Grover Licence Number: 8/37/31/*g/149 Permit Version: Not Supplied Location: Bore, Stonefields Farm, MESSING Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 5 Yearly Rate (m3): 91000 Details: Glacial Sand and Gravel; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A22NW (NW)	1607	2	588000 218595
	<p>Water Abstractions</p> <p>Operator: P A Grover Licence Number: 8/37/31/*g/149 Permit Version: Not Supplied Location: Bore, Stonefields Farm, MESSING Authority: Environment Agency, Anglian Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 5 Yearly Rate (m3): 91000 Details: Glacial Sand and Gravel; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A22NW (NW)	1611	2	588000 218600
	<p>Water Abstractions</p> <p>Operator: D A Clough Licence Number: 8/37/24/*G/0025 Permit Version: 100 Location: Two Wells At Tiptree Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Fluvial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1973 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(S)	1631	2	589200 215300
	<p>Water Abstractions</p> <p>Operator: D A Clough Licence Number: 8/37/24/*G/0025 Permit Version: 100 Location: Two Wells At Tiptree Authority: Environment Agency, Anglian Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Fluvial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1973 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(S)	1664	2	589300 215300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: J F And C M Strathern Licence Number: 8/37/24/*i/077 Permit Version: Not Supplied Location: Trib Of Layer Brook Kelvedon Authority: Environment Agency, Anglian Region Abstraction: Impounding Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1735	2	590600 217200
	Water Abstractions Operator: Wilkin & Sons Ltd., Licence Number: 8/37/24/*g/038 Permit Version: Not Supplied Location: Jam Factory, TIPTREE Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 1 Yearly Rate (m3): 5680 Details: Fluvial Sand and Gravel; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5SW (SE)	1736	2	589900 215600
	Water Abstractions Operator: J F Strathern Licence Number: 8/37/24/*i/074 Permit Version: Not Supplied Location: Trib Of Layer Brook Authority: Environment Agency, Anglian Region Abstraction: Impounding Abstraction Type: Not Supplied Source: Unknown Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1746	2	590600 217300
	Water Abstractions Operator: J F Strathern Licence Number: 8/37/24/*S/0064 Permit Version: 100 Location: Haynes Green Fm, Layer Marney Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1784	2	590600 217500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Wilkin & Sons Ltd Licence Number: 8/37/24/*S/0043 Permit Version: 100 Location: Trib Layer Brook, Birch Wood Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A5NE (SE)	1893	2	590300 215800
	Water Abstractions Operator: Wilkin & Sons Ltd Licence Number: 8/37/24/*S/0043 Permit Version: 100 Location: Trib Layer Brook Tiptree Hall Authority: Environment Agency, Anglian Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Perpetuity Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 1979 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1975	2	589000 214900
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 40 Thames Estuary Scale: 1:100,000	A13NE (E)	0	2	588700 217005
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13NE (E)	0	4	588700 217005
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (SE)	0	4	588806 216957
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 285.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	A12NE (W)	227	5	588325 217073
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 106.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	A12SE (SW)	265	5	588322 216788

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	A12SE (W)	268	5	588267 216891
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	A12NE (NW)	277	5	588342 217166
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1271.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	A12SE (W)	291	5	588250 216866
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A8NE (S)	447	5	588870 216439
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A8NE (S)	450	5	588889 216444
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A8NE (SE)	461	5	588933 216455
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A8NE (SE)	465	5	588948 216460
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14NE (E)	685	5	589501 217333
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 190.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14NE (E)	720	5	589546 217312

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A9NE (SE)	742	5	589407 216530
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A9NE (SE)	778	5	589429 216499
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14NE (E)	789	5	589654 217155
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 159.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A8SE (S)	800	5	588729 216052
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14NE (E)	810	5	589676 217138
50	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 18.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14NE (E)	816	5	589684 217126
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 227.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A8SE (S)	825	5	589013 216089
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A9NE (SE)	829	5	589458 216451
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14NE (E)	833	5	589701 217120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A14SE (E)	860	5	589710 216881
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 134.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	A17NE (NW)	860	5	588067 217746
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 554.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A15SW (E)	868	5	589717 216877
57	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 25.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A9NE (SE)	884	5	589484 216393
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 199.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A15NW (E)	899	5	589767 217125
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A3NE (S)	900	5	588847 215963
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 219.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A9NE (SE)	907	5	589497 216373
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 98.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Colne Essex Primacy: 1	A3NE (S)	950	5	588907 215925
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 145.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	A17NW (NW)	990	5	587996 217858

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	Licensed Waste Management Facilities (Locations) Licence Number: 71261 Location: Basket Works, Grange Road, Tiptree, Essex, CO5 0QQ Operator Name: M P Skips Ltd Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Eastern Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Revoked Issued: 23rd October 2001 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: 2nd September 2010 Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (S)	937	2	588288 216008
63	Licensed Waste Management Facilities (Locations) Licence Number: 100008 Location: The Basket Works, Grange Road, Tiptree, Essex, CO5 0QQ Operator Name: G K L Holdings Ltd Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Eastern Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Transferred Issued: 14th September 2007 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	939	2	588280 216010
	Local Authority Landfill Coverage Name: Colchester Borough Council - Has no landfill data to supply		0	3	588700 217005
	Local Authority Landfill Coverage Name: Essex County Council - Has supplied landfill data		0	6	588700 217005
64	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1974	A13SE (SE)	206	-	589015 216871
65	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1974	A14NW (E)	405	-	589270 217128
66	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1974	A14SW (SE)	529	-	589294 216726
67	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1974	A9NW (SE)	634	-	589282 216540
68	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1974	A17NE (NW)	949	-	588061 217859
69	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1974	A4NW (S)	979	-	589068 215945
70	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SE (SE)	312	-	589023 216733
71	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14SW (SE)	384	-	589100 216716
72	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14SW (SE)	391	-	589149 216793

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14NW (E)	392	-	589259 217119
74	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14SW (SE)	418	-	589175 216781
75	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14SW (SE)	473	-	589187 216686
76	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14NE (E)	537	-	589379 217239
77	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9NW (SE)	572	-	589259 216614
78	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9NW (SE)	628	-	589351 216663
79	Registered Waste Transfer Sites Licence Holder: M R Payne T/A M P Skips Licence Reference: Eawml71261 Site Location: Basket Works, Grange Road, Tiptree, Essex, Co5 0qq Operator Location: Basket Works, Grange Road, Tiptree, Essex, Co5 0qq Authority: Environment Agency - Anglian Region, Eastern Area Site Category: Transfer Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 23rd October 2001 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Household/Commercial/Industrial Waste (Inferred From Regis Listing) New Licence, Wastes Not To Hand	A7SE (SW)	952	2	588270 216000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	A13NE (E)	0	1	588700 217005
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (E)	0	1	588700 217005
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A13SE (SE)	0	1	588806 216957
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A13NW (NW)	140	1	588577 217235
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A18SE (N)	276	1	588747 217427
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NE (SE)	405	1	588947 216532
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A12NE (W)	449	1	588084 217019

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel <15 mg/kg</p> <p>Concentration:</p>	A12SW (W)	528	1	588000 217000
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel <15 mg/kg</p> <p>Concentration:</p>	A12NW (W)	536	1	588002 217059
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel <15 mg/kg</p> <p>Concentration:</p>	A18NE (N)	603	1	588907 217725
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel <15 mg/kg</p> <p>Concentration:</p>	A17SE (NW)	665	1	588078 217460
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel <15 mg/kg</p> <p>Concentration:</p>	A18NW (N)	666	1	588625 217814
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel <15 mg/kg</p> <p>Concentration:</p>	A12NW (W)	686	1	587891 217213

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A18NW (N)	731	1	588447 217836
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A19NW (NE)	737	1	589069 217812
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A17NE (NW)	744	1	588199 217707
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A18NE (N)	779	1	588870 217916
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SE (S)	787	1	588700 216064
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel <15 mg/kg Concentration:	A18NW (N)	791	1	588472 217908

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel <15 mg/kg</p> <p>Concentration:</p>	A7NW (SW)	849	1	587836 216462
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel <15 mg/kg</p> <p>Concentration:</p>	A23SE (N)	886	1	588825 218032
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel <15 mg/kg</p> <p>Concentration:</p>	A7NW (SW)	919	1	587698 216560
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel <15 mg/kg</p> <p>Concentration:</p>	A19NW (NE)	921	1	589241 217935
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel <15 mg/kg</p> <p>Concentration:</p>	A17SW (NW)	976	1	587766 217564
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Rural Soil</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 40 - 60 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel <15 mg/kg</p> <p>Concentration:</p>	A16SE (W)	981	1	587655 217407

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A3NE (S)	999	1	589000 215900
80	BGS Recorded Mineral Sites Site Name: Tiptree Gravel Pits Location: Tiptree, Colchester, East Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 106119 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14SW (E)	261	1	589107 216957
81	BGS Recorded Mineral Sites Site Name: Tiptree Gravel Pits Location: Tiptree, Colchester, East Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 106121 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14SW (E)	277	1	589070 216875
82	BGS Recorded Mineral Sites Site Name: Tiptree Gravel Pits Location: Tiptree, Colchester, East Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 106120 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14NW (E)	432	1	589301 217090
83	BGS Recorded Mineral Sites Site Name: Tiptree Gravel Pits Location: Tiptree, Colchester, East Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 106122 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14SW (E)	432	1	589236 216838
84	BGS Recorded Mineral Sites Site Name: Tiptree Gravel Pits Location: Tiptree, Colchester, East Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 106123 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14SW (E)	550	1	589347 216794

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	BGS Recorded Mineral Sites Site Name: Tiptree Gravel Pits Location: Tiptree, Colchester, East Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 106124 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	591	1	589282 216615
86	BGS Recorded Mineral Sites Site Name: Tiptree Quarry Location: Tiptree, Colchester, East Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 106125 Type: Opencast Status: Ceased Operator: Bardon Aggregates - Southern Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8SW (S)	665	1	588581 216197
87	BGS Recorded Mineral Sites Site Name: Tiptree Quarry Location: Tiptree, Colchester, East Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 106127 Type: Opencast Status: Ceased Operator: Bardon Aggregates - Southern Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8SW (S)	870	1	588502 216004
88	BGS Recorded Mineral Sites Site Name: Inworth Gravel Pit Location: Inworth, Colchester, Essex Source: British Geological Survey, National Geoscience Information Service Reference: 180386 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene Geology: London Clay Formation Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	948	1	588058 217855
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	588700 217005
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	588700 217005
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	588700 217005
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	588700 217005

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	588700 217005
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	588700 217005
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	588700 217005
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	588700 217005

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	<p>Contemporary Trade Directory Entries</p> <p>Name: Tiptree Carriage Co Location: Tower End, Kelvedon Road, Tiptree, Colchester, Essex, CO5 0LX Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	0	-	588717 217133
90	<p>Contemporary Trade Directory Entries</p> <p>Name: M Garwood Location: Sun House, Kelvedon Road, Tiptree, Colchester, CO5 0LY Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	55	-	588662 217182
91	<p>Contemporary Trade Directory Entries</p> <p>Name: Tower Animal Feeds Location: Tower Business Park, Kelvedon Road, Tiptree, Colchester, CO5 0LX Classification: Pet Foods & Animal Feeds Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	58	-	588606 217150
91	<p>Contemporary Trade Directory Entries</p> <p>Name: P R S Pallets Ltd Location: Tower Business Park, Kelvedon Road, Tiptree, Colchester, CO5 0LX Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	59	-	588606 217150
92	<p>Contemporary Trade Directory Entries</p> <p>Name: Mumford & Wood Location: Tower Business Park, Kelvedon Road, Tiptree, Colchester, CO5 0LX Classification: Window Frame Manufacturers' Equipment Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13NW (W)	59	-	588527 217049
92	<p>Contemporary Trade Directory Entries</p> <p>Name: Chilled Distribution Location: Tower Business Park, Kelvedon Rd, Tiptree, Colchester, Essex, CO5 0LX Classification: Distribution Services Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A13NW (W)	59	-	588526 217048
93	<p>Contemporary Trade Directory Entries</p> <p>Name: James Brown Location: 95, Oak Road, Tiptree, Colchester, CO5 0NE Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (NE)	83	-	588916 217138
94	<p>Contemporary Trade Directory Entries</p> <p>Name: Colchester Reclaim Location: Tower House, Kelvedon Road, Tiptree, Colchester, Essex, CO5 0LX Classification: Reclamation Centres Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	108	-	588544 217152
94	<p>Contemporary Trade Directory Entries</p> <p>Name: Kelvedon Motor Co Commercial Centre Location: Kelvedon Rd, Tiptree, Colchester, Essex, CO5 0LX Classification: Commercial Vehicle Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A13NW (NW)	122	-	588540 217170
95	<p>Contemporary Trade Directory Entries</p> <p>Name: D & S Location: Tower Business Park, Kelvedon Rd, Tiptree, Colchester, Essex, CO5 0LX Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A13NW (NW)	109	-	588519 217120
95	<p>Contemporary Trade Directory Entries</p> <p>Name: Used Cars Location: Tower Business Park, Kelvedon Rd, Tiptree, Colchester, Essex, CO5 0LX Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A13NW (NW)	109	-	588519 217120
95	<p>Contemporary Trade Directory Entries</p> <p>Name: Jenner (City Print) Ltd Location: Unit 1, Tower Business Park, Kelvedon Road, Tiptree, Colchester, CO5 0LX Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	109	-	588519 217120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	<p>Contemporary Trade Directory Entries</p> <p>Name: J & M Motors Location: Unit 1, Tower Business Park, Kelvedon Road, Tiptree, Colchester, Essex, CO5 0LX Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	109	-	588519 217120
95	<p>Contemporary Trade Directory Entries</p> <p>Name: Essex Building Supplies Location: Kelvedon Rd, Tiptree, Colchester, Essex, CO5 0LX Classification: Builders' Merchants Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A13NW (NW)	109	-	588519 217120
95	<p>Contemporary Trade Directory Entries</p> <p>Name: Speedprint Uk Location: Tower Business Park, Kelvedon Road, Tiptree, Colchester, CO5 0LX Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	130	-	588497 217126
95	<p>Contemporary Trade Directory Entries</p> <p>Name: Tiptree Trading Co Location: Kelvedon Road, Tiptree, Colchester, Essex, CO5 0LX Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (NW)	161	-	588473 217145
96	<p>Contemporary Trade Directory Entries</p> <p>Name: Dairy Crest Location: Tower Business Park, Kelvedon Road, Tiptree, COLCHESTER, CO5 0LX Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (W)	115	-	588461 217056
96	<p>Contemporary Trade Directory Entries</p> <p>Name: Dairy Crest Ltd Location: Tower Business Park, Kelvedon Road, Tiptree, Colchester, CO5 0LX Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (W)	115	-	588461 217056
97	<p>Contemporary Trade Directory Entries</p> <p>Name: M J L Contracts Location: 30, Walnut Tree Way, Tiptree, Colchester, CO5 0NH Classification: Rubbish Clearance Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NW (E)	274	-	589140 217019
98	<p>Contemporary Trade Directory Entries</p> <p>Name: Maldon Automotive Trading Location: Woodside, Grange Road, Tiptree, Colchester, CO5 0UH Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	336	-	588358 216650
99	<p>Contemporary Trade Directory Entries</p> <p>Name: Roy Terry Location: 14, Maldon Road, Tiptree, Colchester, CO5 0LL Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	532	-	589226 216637
99	<p>Contemporary Trade Directory Entries</p> <p>Name: Roy Terry Fireplaces Location: 14, Maldon Road, Tiptree, Colchester, CO5 0LL Classification: Fireplaces & Mantelpieces Status: Active Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	536	-	589230 216636
99	<p>Contemporary Trade Directory Entries</p> <p>Name: Roy Terry Location: 14, Maldon Road, Tiptree, Colchester, Essex, CO5 0LL Classification: Fireplaces & Mantelpieces Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	536	-	589230 216636

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
100	Contemporary Trade Directory Entries Name: Shell Service Station Location: Maypole Road, Tiptree, Colchester, Essex, CO5 0EN Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned to the address or location	A14SW (E)	552	-	589360 216812
100	Contemporary Trade Directory Entries Name: Shell Select Location: Maypole Road, Tiptree, Colchester, Essex, CO5 0EN Classification: Petrol Filling Stations Status: Active Positional Accuracy: Manually positioned to the address or location	A14SW (E)	553	-	589359 216808
101	Contemporary Trade Directory Entries Name: Heritage Remedial Preservation Co Location: 26, Blue Road, Tiptree, Colchester, CO5 0TY Classification: Damp & Dry Rot Control Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	596	-	589059 216378
102	Contemporary Trade Directory Entries Name: Underwoods Of Tiptree - Ford Location: 5, Church Road, Tiptree, Colchester, CO5 0LG Classification: Car Customisation & Conversion Specialists Status: Active Positional Accuracy: Automatically positioned to the address	A14SW (SE)	596	-	589327 216684
103	Contemporary Trade Directory Entries Name: Marsh Climate Location: Marsh House, Pennsylvania Lane, Tiptree, Colchester, CO5 0TU Classification: Air Conditioning Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	676	-	588991 216242
103	Contemporary Trade Directory Entries Name: Edpac Uk Location: Marsh House, Pennsylvania Lane, Tiptree, Colchester, CO5 0TU Classification: Air Conditioning Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	676	-	588991 216242
104	Contemporary Trade Directory Entries Name: R T Gas Location: 53, Blue Road, Tiptree, Colchester, Essex, CO5 0TX Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	810	-	589124 216163
104	Contemporary Trade Directory Entries Name: Combined Domestic Services Location: A, 52, Maldon Road, Tiptree, Colchester, CO5 0TT Classification: Washing Machines - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	820	-	589161 216175
105	Contemporary Trade Directory Entries Name: Tiptree Fork Lifts Location: 48, Green Lane, Tiptree, Colchester, CO5 0DE Classification: Fork Lift Trucks Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	819	-	589533 216587
106	Contemporary Trade Directory Entries Name: Butterfield Training Services Location: 3, Heycroft Way, Tiptree, Colchester, CO5 0DG Classification: Fork Lift Trucks Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	851	-	589589 216612
107	Contemporary Trade Directory Entries Name: Tiptree Tractor Co Location: 6, Heaton Way, Tiptree, Colchester, CO5 0DZ Classification: Agricultural Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	866	-	589702 216828
108	Contemporary Trade Directory Entries Name: Asda Petrol Location: 25, Church Road, Tiptree, Colchester, CO5 0LA Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	883	-	589522 216449

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	Contemporary Trade Directory Entries Name: Frost Fencing Location: Grange Road, Tiptree, Colchester, CO5 0QQ Classification: Concrete Products Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	938	-	588217 216035
110	Contemporary Trade Directory Entries Name: M & M Motor Repairs Location: 25, Heycroft Way, Tiptree, Colchester, CO5 0DN Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	941	-	589650 216541
111	Contemporary Trade Directory Entries Name: Togs Dry Cleaning Location: Church Rd, Tiptree, Colchester, Essex, CO5 0TJ Classification: Dry Cleaners Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9NE (SE)	960	-	589532 216332
112	Contemporary Trade Directory Entries Name: R J Gower International Haulage Ltd Location: Grange Road, Tiptree, Colchester, CO5 0QQ Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	964	-	588257 215992
112	Contemporary Trade Directory Entries Name: Tiptree Sawmill Location: Grange Rd, Tiptree, Colchester, Essex, CO5 0QQ Classification: Sawmills & Wood Shavings Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7SE (SW)	964	-	588256 215992
113	Contemporary Trade Directory Entries Name: Young'S Of Tiptree Location: 59, Maldon Road, Tiptree, Colchester, CO5 0BW Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	985	-	589211 216011
114	Fuel Station Entries Name: Shell Tiptree Location: Maypole Road, Tiptree, Colchester, Essex, CO5 0EN Brand: SHELL Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A14SW (E)	552	-	589358 216808
115	Fuel Station Entries Name: Underwoods Garage Location: 5, Church Road, Tiptree, Essex, CO5 0LG Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A14SW (SE)	597	-	589327 216683
116	Fuel Station Entries Name: Asda Tiptree Automat Location: 25, Church Road, Tiptree, Colchester, Essex, CO5 0LA Brand: Asda Premises Type: Hypermarket Status: Open Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	937	-	589529 216365
117	Fuel Station Entries Name: Youngs Of Tiptree Location: 59, Maldon Road, Tiptree, Essex, CO5 0BW Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A9SW (SE)	985	-	589211 216011
118	Points of Interest - Commercial Services Name: Chilled Distribution Location: Tower Business Park, Kelvedon Rd, Tiptree, Colchester, Essex, CO5 0LX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NW (W)	59	7	588526 217048

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	Points of Interest - Commercial Services Name: Tiptree Trading Location: Tower Business Park, Kelvedon Road, Tiptree, Colchester, CO5 0LX Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13NW (W)	115	7	588461 217056
119	Points of Interest - Commercial Services Name: Shell Tiptree Location: Maypole Road, Tiptree, Colchester, CO5 0EH Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14SW (E)	544	7	589366 216844
119	Points of Interest - Commercial Services Name: Car Wash Location: Maypole Road, Tiptree, Colchester, CO5 0EH Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14SW (E)	552	7	589358 216808
120	Points of Interest - Commercial Services Name: Starternator Services Location: 4 Oak Road, Tiptree, Colchester, CO5 0NS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	624	7	589448 217301
121	Points of Interest - Commercial Services Name: M & M Motor Repairs Location: 25 Heycroft Way, Tiptree, Colchester, CO5 0DN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NE (SE)	941	7	589650 216541
122	Points of Interest - Manufacturing and Production Name: Tank Location: CO5 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13SW (SW)	145	7	588503 216778
122	Points of Interest - Manufacturing and Production Name: Tanks Location: CO5 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	147	7	588519 216767
122	Points of Interest - Manufacturing and Production Name: Tank Location: CO5 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13SW (SW)	156	7	588502 216766
122	Points of Interest - Manufacturing and Production Name: Tank Location: CO5 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13SW (SW)	165	7	588503 216755
123	Points of Interest - Manufacturing and Production Name: Tank Location: CO5 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	649	7	589517 217018
124	Points of Interest - Manufacturing and Production Name: Sand and Gravel Pit Location: CO5 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	710	7	588553 216156
125	Points of Interest - Manufacturing and Production Name: Sand and Gravel Pit Location: CO5 Category: Extractive Industries Class Code: Sand, Gravel and Clay Extraction and Merchants Positional Accuracy: Positioned to an adjacent address or location	A3NW (S)	976	7	588431 215912

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
126	Points of Interest - Public Infrastructure Name: Shell Tiptree Location: Maypole Road, Tiptree, Colchester, CO5 0EH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SW (E)	551	7	589357 216810
126	Points of Interest - Public Infrastructure Name: Shell Service Station Location: Maypole Road, Tiptree, Colchester, CO5 0EN Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SW (E)	552	7	589360 216812
126	Points of Interest - Public Infrastructure Name: Shell Tiptree Location: Maypole Road, Tiptree, Colchester, CO5 0EH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SW (E)	552	7	589358 216808
126	Points of Interest - Public Infrastructure Name: Shell Tiptree Location: Maypole Road, Tiptree, Colchester, CO5 0EH Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SW (E)	554	7	589360 216808
127	Points of Interest - Public Infrastructure Name: Asda Petrol Location: 25 Church Road, Tiptree, Colchester, CO5 0LA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A9NE (SE)	937	7	589529 216365
127	Points of Interest - Public Infrastructure Name: Asda Tiptree Automat Location: Church Road, Tiptree, Colchester, CO5 0LA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A9NE (SE)	937	7	589529 216365

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	Ancient Woodland Name: Perrys Wood Reference: 1116819 Area(m ²): 35789.44 Type: Ancient and Semi-Natural Woodland	A13NW (NW)	188	8	588463 217181
129	Ancient Woodland Name: Inworth Wood Reference: 1116820 Area(m ²): 22975.25 Type: Ancient and Semi-Natural Woodland	A17NE (N)	788	8	588357 217859
130	Nitrate Vulnerable Zones Name: River Blackwater Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NE (W)	0	4	588700 217005
131	Nitrate Vulnerable Zones Name: Layer Brook Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NE (E)	0	4	588700 217005
132	Nitrate Vulnerable Zones Name: Sandlings And Chelmsford Description: Groundwater Source: Environment Agency, Head Office	A13NE (E)	0	4	588700 217005

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Maldon District Council - Environmental Health Department Braintree District Council - Environmental Health Department Colchester Borough Council - Environmental Health Department	April 2014 January 2015 October 2013	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region	October 2018	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - Anglian Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - Anglian Region	October 2018	Quarterly
Local Authority Integrated Pollution Prevention And Control Braintree District Council - Environmental Health Department Colchester Borough Council - Environmental Health Department Maldon District Council - Environmental Health Department	August 2014 December 2014 June 2013	Variable Variable Variable
Local Authority Pollution Prevention and Controls Braintree District Council - Environmental Health Department Colchester Borough Council - Environmental Health Department Maldon District Council - Environmental Health Department	August 2014 December 2014 January 2015	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Braintree District Council - Environmental Health Department Colchester Borough Council - Environmental Health Department Maldon District Council - Environmental Health Department	August 2014 December 2014 January 2015	Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	September 2017	
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - Anglian Region	January 2015	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Eastern Area	October 2018	Quarterly
Water Abstractions Environment Agency - Anglian Region	October 2018	Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region	October 2017	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable









Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	January 2018	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2018	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2018	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	August 2018	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2018	Quarterly
Flood Defences Environment Agency - Head Office	August 2018	Quarterly
OS Water Network Lines Ordnance Survey	October 2018	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	July 2018	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Eastern Area	July 2018	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Eastern Area	October 2018	Quarterly
Local Authority Landfill Coverage Braintree District Council Colchester Borough Council - Environmental Health Department Essex County Council Maldon District Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Braintree District Council Colchester Borough Council - Environmental Health Department Maldon District Council - Environmental Health Department Essex County Council	May 2000 May 2000 May 2000 November 2004	Not Applicable Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - Anglian Region - Eastern Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Eastern Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Eastern Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Variable
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Braintree District Council Colchester Borough Council Essex County Council Maldon District Council	February 2016 February 2016 February 2016 February 2016	Variable Variable Variable Variable
Planning Hazardous Substance Consents Braintree District Council Colchester Borough Council Essex County Council Maldon District Council	February 2016 February 2016 February 2016 February 2016	Variable Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2018	Bi-Annually
CBCSB Compensation District Cheshire Brine Subsidence Compensation Board (CBCSB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	November 2018	Quarterly
Fuel Station Entries Catalist Ltd - Experian	November 2018	Quarterly
Gas Pipelines National Grid	July 2014	
Points of Interest - Commercial Services PointX	September 2018	Quarterly
Points of Interest - Education and Health PointX	September 2018	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2018	Quarterly
Points of Interest - Public Infrastructure PointX	September 2018	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2018	Quarterly
Underground Electrical Cables National Grid	December 2015	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	August 2018	Bi-Annually
Areas of Adopted Green Belt Braintree District Council	August 2018	As notified
Areas of Unadopted Green Belt Braintree District Council	August 2018	As notified
Areas of Outstanding Natural Beauty Natural England	August 2018	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	August 2018	Bi-Annually
Marine Nature Reserves Natural England	January 2018	Bi-Annually
National Nature Reserves Natural England	August 2018	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	August 2018	Bi-Annually
Sites of Special Scientific Interest Natural England	October 2018	Bi-Annually
Special Areas of Conservation Natural England	August 2018	Bi-Annually
Special Protection Areas Natural England	August 2018	Bi-Annually

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Colchester Borough Council - Environmental Health Department P O Box 889, Town Hall, Colchester, Essex, CO1 1FL	Telephone: 01206 282222 Fax: 01206 282598 Website: www.colchester.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	Essex County Council County Hall, Chelmsford, Essex, CM1 1YS	Telephone: 01245 492211 Website: www.essexcc.gov.uk
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.